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(54) **System for generating a computer user interface display screen panels providing interactive interfaces for application program steps.**

(57) A computer system for dynamically generating a set of display panels which will provide a user friendly interactive user interface for I/O as the steps in an application program requiring user interaction are carried out. The system involves a PC or workstation display having a display management system providing a set of rules and constraints governing the layout of each screen panel. The system stores data sufficient to support each of a plurality of basic screen panels. As the program proceeds and each of the program steps is carried out, the system has means for dynamically modifying the data supporting a selected one of the basic panels to provide the modified screen panel required for the user interface with respect to each particular application program step. The modification of each particular screen panel is based at least in part on data entered into the system through interfaces provided by the screen panel required for previous steps in the application program. The modification involves at least in part the calculation of the orthogonal coordinates of components or elements in the particular screen layout.



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EUROPEAN SEARCH REPORT

Application Number

EP 92 30 7412

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	SOFTWARE PRACTICE & EXPERIENCE. vol. 19, no. 4, April 1989, CHICHESTER, GB pages 371 - 391 I. SOMMERVILLE ET AL. 'THE ECLIPSE USER INTERFACE' * page 384, line 18 - page 388, line 36 * * figures 7-9 *	1-17	G06F9/44
A	EP-A-0 215 246 (IBM) * abstract * * column 7, line 29 - column 8, line 5 * * column 14, line 32 - column 16, line 54 * * claims; figure 2 *	1,3-10, 12-17	
A	PATENT ABSTRACTS OF JAPAN vol. 15, no. 218 (P-1210)4 June 1991 & JP-A-30 62 115 (NEC CORP.) 18 March 1991 * abstract *	1,2,5,7, 10,11,14	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G06F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 APRIL 1993	Examiner JONASSON J.T.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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